



**American Honda Motor Co., Inc.**  
1919 Torrance Boulevard  
Torrance, CA 90501-2746  
Phone (310) 783-2000

July 26, 2018

AHCERT-180468

Director  
Certification Division (EPA-335)  
Mobile Source Air Pollution Control  
U.S. Environmental Protection Agency  
2000 Traverwood Drive  
Ann Arbor, MI 48105

Attention: Mrs. Donna Ringle  
Motorcycle Certification

RE: Common Section Submittal Revisions

Dear Donna,

Enclosed are revised common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.

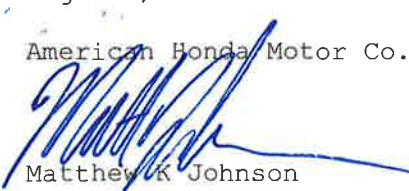
On-Hwy Motorcycle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

<u>Page Number</u>	<u>Revision Date</u>	<u>Description</u>
Section 6, Page 2	7/26/2018	Added Test Facilities #6 and #7 to table under 06.07.00.00

Regards,

American Honda Motor Co., Inc.



Matthew K. Johnson  
Senior Certification Engineer  
Certification and Compliance Department

MKJ  
Attachment(s)



**American Honda Motor Co., Inc.**  
1919 Torrance Boulevard  
Torrance, CA 90501-2746  
Phone (310) 783-2000

July 26, 2018

AHCERT-180468

Chief  
New Vehicle/Engine Programs Branch  
California Air Resources Board  
9480 Telstar Avenue, Suite 4  
El Monte, CA 91734-2301

Attention: Ms. Telena Vo  
Motorcycle Certification

RE: Common Section Submittal Revisions

Dear Sir,

Enclosed are revised common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.

On-Hwy Motorcycle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

<u>Page Number</u>	<u>Revision Date</u>	<u>Description</u>
Section 6, Page 2	7/26/2018	Added Test Facilities #6 and #7 to table under 06.07.00.00

Regards,

American Honda Motor Co., Inc.

  
Matthew R. Johnson  
Senior Certification Engineer  
Certification and Compliance Department

MKJ  
Attachment(s)

## 06.06.00.00. ACR protocol

Based on Abbreviated Certification Review (ACR) protocol, Honda judged the following items in lieu of the EPA administrator:

Unscheduled maintenance

For the 2004MY XR650L(4HNXC0.64ABA), the engine oil was filled just before reaching 3500km due to its loss(40CFR 86.429-78(a)(1)).

For the 2017MY XR650L(HHNXC0.64BBA), the off-road tire was replaced after 3500km mileage accumulation due to unusual wear (40CFR 86.429-78(a)(1)).

Emission test vehicle

The worst case vehicle configuration to represent the product line was selected *based on*(40CFR 86.406-78(c)(1), 86.421-78(a) & 86.529-78(a)).

All equipment for the purpose of determining the curb mass was specified (40CFR 86.402-78(a))

Engine start procedure

For XR650L (4HNXC0.64ABA, FHNXC0.64BBA, HHNXC0.64BBA), the manual choke was operated according to O/M instruction (40CFR 86.536-78(a)).

## 06.07.00.00. Test facilities

ID	Test Facility	Address
1	Honda Motor Co., Ltd. Kumamoto Factory	1500 Hirakawa Ohzu-machi Kikuchi-gun Kumamoto prefecture, Japan
2	Honda Techno Fort CO., Ltd	89-4 Hagadai, Haga-machi, Haga-gun, Tochigi prefecture, Japan
3	Honda of South Carolina Mfg., Inc.	1111 HONDA WAY, TIMMONSVILLE, SC 29161-9421
4	LOUTUS ENGINEERING INC.,	1245 N. Main St, Ann Arbor, Michigan 48104
5	Transportation Research Center INC.	10820 State Route 347 East Liberty, Ohio 43319
6	Honda Motor Co., Ltd. Suzuka Factory	1907 Hirata-cho Suzuka-shi Mie prefecture, Japan
7	Honda Motor Co., Ltd. Suzuka Circuit-Simulator	7992 Inou-cho Suzuka-shi Mie prefecture, Japan



American Honda Motor Co., Inc.  
1919 Torrance Boulevard  
Torrance, CA 90501-2746  
Phone (310) 783-2000

April 13, 2018

AHCERT-180241

Director  
Certification Division (EPA-335)  
Mobile Source Air Pollution Control  
U.S. Environmental Protection Agency  
2000 Traverwood Drive  
Ann Arbor, MI 48105

Attention: Mrs. Donna Ringle  
Motorcycle Certification

RE: Common Section Submittal Revisions

Dear Donna,

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On-Hwy Motorcycle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

<u>Page Number</u>	<u>Revision Date</u>	<u>Description</u>
Multiple	4/13/2018	Various changes in adherence to streamlined application format

Regards,

American Honda Motor Co., Inc.

  
Matthew K. Johnson  
Certification Engineer  
Certification and Compliance Department

MKJ

Attachment(s)

**HONDA**

**American Honda Motor Co., Inc.**  
1919 Torrance Boulevard  
Torrance, CA 90501-2746  
Phone (310) 783-2000

April 13, 2018

AHCERT-180241

Chief  
New Vehicle/Engine Programs Branch  
California Air Resources Board  
9480 Telstar Avenue, Suite 4  
El Monte, CA 91734-2301

Attention: Mr. Steven Hada  
Motorcycle Certification

RE: Common Section Submittal Revisions

Dear Sir,

Enclosed are revised common sections to our applications for certification for the following 2019 model year Motorcycle Certification programs.

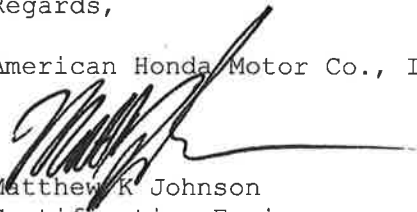
On-Hwy Motorcycle Common Sections

Please contact me at (310) 783-3615 if you have any questions.

<u>Page Number</u>	<u>Revision Date</u>	<u>Description</u>
Multiple	4/13/2018	Various changes in adherence to streamlined application format

Regards,

American Honda Motor Co., Inc.



Matthew K. Johnson  
Certification Engineer  
Certification and Compliance Department

MKJ  
Attachment(s)

## SUPPORTING DOCUMENTS

Application type: Common Information

Model year : 2019

Engine family : All On-Highway Motorcycle

Manufacture : All Honda Factories

US importer : American Honda Motor Co., Inc.

Issued : 04/06/2018

The Honda Wing logo, a stylized wing shape composed of several parallel, curved lines, is positioned behind the text. Below the wing, the word "HONDA" is written in a large, bold, sans-serif font.

HONDA

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01.00.00.00 Communication

1. Technical representative

.01. 00. 00 Mailing Information

Please mail one copy the Federal Register, Advisory Circulars, and other technical information to the following individual.

Samuel Choe  
Manager  
Certification and Regulation Compliance  
American Honda Motor CO., Inc.  
M/S: 500-2C-8A  
1919 Torrance Blvd, Torrance, CA 90501-2746

.01.00 EAP/ARB Liaison Representatives in the U.S.

Samuel Choe  
Manager  
Certification and Regulation Compliance  
American Honda Motor CO., Inc.  
M/S: 500-2C-8A  
1919 Torrance Blvd, Torrance, CA 90501-2746  
Telephone Number : (310) 783-3218  
Fax Number : (310) 783-3510  
E-Mail : Samuel\_Choe@ahm.hon

Matthew K Johnson  
Senior Certification Engineer  
Certification & Regulation Compliance  
American Honda Motor Co., Inc.  
1919 Torrance Blvd, Torrance, CA 90501-2746  
Telephone Number : (310) 783-3615  
Fax Number : (310) 783-3510  
E-Mail : Matthew\_K\_Johnson@ahm.honda.com

EPA/ARB Liaison Representatives in the U.S.

Kazuki Toyoda  
Staff Engineer  
Certification & Regulation Compliance  
American Honda Motor Co., Inc.  
1919 Torrance Blvd, Torrance, CA 90501-2746  
Telephone Number : (310) 783-3286  
Fax Number : (310) 783-3510  
E-Mail : Kazuki\_Toyoda@ahm.honda.com



.01.02.00 Representative in a Foreign country  
Masahiko Maeda  
General Manager  
Certification and Regulation Compliance Division  
Honda Motor Co., Inc.  
52-1 Hagadai, Haga-machi, Haga-gun, Tochigi, Japan 321-3325  
Telephone Number : (028) 687-2177

Kazuhiro Suzuki  
Deputy General manager  
Motorcycle & Power Equipment Certification office  
Certification and Regulation Compliance Division  
Honda Motor Co., Inc.  
15-1 Senzui, 3-chome, Asaka City, Saitama, Japan 351-8555  
Telephone Number : (048) 462-3338

.03. 00 Certificate Information  
The corporation name and address which should appear on the  
Certificate of conformity.

Honda Motor Co., Inc.  
1-1, Minami-Aoyama, 2-chome, Minato-ku,  
Tokyo, Japan, 107-8556

The name and address of the person to whom the certificate of  
conformity should be mailed.

Samuel Choe  
Manager  
Certification & Regulation Compliance  
American Honda Motor Co., Inc.  
M/S: 500-2C-8A  
1919 Torrance Blvd, Torrance, CA 90501-2746

02.00.00.0 Statement of confidentiality

1. Which information in the application for certification is considered to be entitled to confidential treatment until model introduction?

Section No.: 04 New Technology  
05.06.01.00 Decoding information of the eighty and  
ninth digits of the Permeation Family  
07 Individual Engine Families  
Confidential Information  
1051.205(b) Fuel Tank Least Barrier Weight Percentage,  
Least Barrier Mol Percentage, and Least  
Barrier Thickness  
Attachment : AECD (Auxiliary emission control device)  
: Model picture

2. Which information in the application for certification is considered to be entitled to continuing confidential treatment after model introduction?

Section No. : 04 New Technology  
05.06.01.00 Decoding information of the eighty and  
ninth digits of the Permeation Family  
07 Individual Engine Families  
Confidential Information  
1051.205(b) Fuel Tank Least Barrier Weight Percentage,  
Least Barrier Mol Percentage, and Least  
Barrier Thickness  
Attachment : AECD (Auxiliary emission control device)  
: Model picture

3. To what extent has the information been disclosed to other, and what Precautions were taken with respect to these disclosures?

Within Honda Motor Co., Ltd. the confidentiality of this information has been protected by treating it as top secret classification and access to this information has been prohibited except for employees who actually work with the information and are familiar with the classified nature of their work.

4. Is the information available to the public through legitimate means?

No

5. Can the information be derived from a detailed engineering inspection of the motor vehicle model in question or from information already public once the model is offered for public sale?

No

6. Would disclosure of the information be likely to result substantial harm to the applicant's competitive position? If so, a detailed discussion regarding what the harmful effects would be, why the affects would be substantial, and the nature of the causal relationship between disclosure and the harmful effects must be presented.

Yes.

The documents listed in Section 2 above, consist of sales information, Production tolerances and quality control procedures, not customarily made public by Honda and they contain trade secrets and commercial Information which is privileged or confidential under 5 USC\*552(b)(4), 49 CFR Part 7.

These procedures and data have value to Honda and could have competitive value to foreign and domestic motor vehicle manufacturers. Throughout the years, Honda has incurred substantial expenditures of manpower, capital, facilities and equipment in developing these procedures and specifications.

They are used for a variety of purposes as stated or indicated herein, all of which relate to the more effective operation of our business. Honda, therefore, treats them as confidential, proprietary information available only to authorized Honda personnel and not otherwise available to the public.

By knowing the details of these sales figures, production tolerances and quality control procedures employed by Honda in operating its business In the areas covered by this material, another motor vehicle manufacturer can gain a significant competitive advantage over Honda. For example: Disclosure of sales projections may allow our competitors to make timely adjustments to their production and sales plans which would have a severe effect on our sales and production.

Disclosure of production cost reduction techniques such as production tolerances and quality control information without benefit of remuneration for their development could lead to unfair competitive advantage in per unit cost on the production line and market place. This and other information can be used by a competitor to adopt the Honda technology or redesign its current development programs. This dual threat of the competitors' unearned savings and Honda's uncompensated expense could result in a competitive disadvantage to Honda.

If you do not agree with our characterization of this material as confidential information, or if a request for disclosure of any or all of this material is received under the Freedom of Information Act or any other statute or regulation, we request that we be given notice and, if necessary, an opportunity to further explain its confidential nature and the reasons for not disclosing it to the public.

### 03.00.00.00 Maintenance and warranty

#### .01.00.00 Owner's Manuals

Owner's Manuals will be submitted at least 30 days before being Supplied to the ultimate purchaser, in accordance with 40 CFR 86 412-78(a).

Note: Submission of shop manual and technical service bulleting is no longer required per EPA letter CD-86-04(MC) dated march 12, 1986.

#### .02.00.00 Maintenance and Service

American Honda Motor Company has a dealer network and parts distribution system in the U.S. These dealers perform warranty service, sell service parts and perform emissions recall work.

#### .03.00.00 VIN coding system

<u>JH2</u>	<u>SC631</u>	<u>*</u>	<u>J</u>	<u>K</u>	<u>2 0 0 0 1</u>
					Sequential Production number
					Plant representation
				K	: Honda Motor Co., Ltd. Kumamoto Factory in Japan
				F	: Honda Italia Industriale S.P.A. in Italy
				3	: Sundiro Honda Motorcycle CO., Ltd. shanghai Factory in china
				5	: Thai Honda Manufacturing Co., Ltd. in Thailand
				1	: Wuyang-Honda Motors (Guangzhou) Co., Ltd. in China
				2	: Wuyang-Honda Motors(Guangzhou) Co., Ltd. in China
				Y	: Honda Vietnam CO., Ltd in Vietnam
					Model Year
					Check Digit
					Vehicle description code
					Make and type of vehicle
				J H 2	: Honda, Motorcycle, in Japan
				Z D C	: Honda, Motorcycle, in Italy
				M L H	: Honda, Motorcycle, in Thailand
				L W B	: Honda, Motorcycle, Wuyang-Honda Motors (Guangzhou) Co., Ltd. in China
				L A L	: Honda, Motorcycle, Sundiro Honda Motorcycle Co., Ltd. Shanghai In China
				R L H	: Honda, Motorcycle, in Vietnam

### 03.04.00.00 Emission System Warranty Statement (Motorcycle)

#### **DISTRIBUTOR'S LIMITED WARRANTIES EMISSION CONTROL SYSTEMS**

American Honda provides the same warranty coverage to all motorcycle owners regardless of where the motorcycle is registered.

#### **Your Warranty Rights and Obligations**

##### **California:**

The California Air Resources Board and American Honda are pleased to explain the emissions control system warranty on your vehicle. In California, new motor vehicles must be designed, built and equipped to meet the State's stringent anti-smog standards.

##### **Other States:**

In other areas of the United States new motor vehicles must be designed, built and equipped to meet stringent federal anti-smog standards.

##### **All States:**

American Honda must warrant the emissions control system on your vehicle for the periods of time listed below, provided there has been no abuse, neglect improper maintenance of your vehicle. Your emissions control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter and engine computer. Also included may be hoses, connectors and other emission-related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

Where a warrantable condition exists.

American Honda will repair your vehicle at no cost to you, including diagnosis, parts and labor.

#### **Manufacturer's Warranty Coverage**

If any emission-related part on your vehicle is defective, the part will be repaired or replaced by American Honda. This is your emissions control system DEFECTS WARRANTY.

#### **Owner's Warranty Responsibilities**

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your Owner's Manual. American Honda recommends that you retain all receipts covering maintenance on your motorcycle, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance. You are responsible for presenting your vehicle to a Honda motorcycle dealer as soon as a problem exists.

The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

**03.04.00.00 Emission System Warranty Statement (Motorcycle)**

As the vehicle owner, you should also be aware that American Honda may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications. If you have any questions regarding your warranty rights and responsibilities or if an authorized Honda dealer cannot repair your motorcycle or honor your claim within a reasonable period of time contact the American Honda Motorcycle Customer Support Office for assistance (see page 18 of the Warranty booklet). If you are not satisfied with the way in which a warranty claim is resolved by American Honda, you may write directly to:

Director of Field Operations  
Support Division(EN-397F)  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460  
or  
California Air Resources Board  
9528 Telstar Avenue  
El Monte, ca 91731

**Emissions Warranty Coverage**

American Honda warrants to the owner that motorcycle:

- . is designed, built and equipped to conform at the time of sale with all applicable emissions standards, and
- . is free from defects in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time and mileage limits.

This warranty begins on the date the motorcycle is delivered to the first purchaser other than an authorized Honda motorcycle dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time or mileage listed below:

**All On-Road Motorcycles**

Time: 5 years

Mileage: Based on engine displacement

- .0 to 49 cc: 3,728 miles (6,000 kilometers) (2006-2018 only)
- .50 to 169 cc: 7,456 miles (12,000 kilometers)
- .170 to 279cc: 11,185 miles (18,000 kilometers)
- .280cc and over: 18,641 miles (30,000 kilometers)

The Emissions Control System Defects Warranty is in addition to the American Honda Motorcycle Limited Warranty. These warranties are given only to the owner of a motorcycle distributed by American Honda through the Motorcycle Division.

**03.04.00.00 Emission System Warranty Statement (Motorcycle)**

To qualify for coverage under the defects warranty, you should operate and maintain your motorcycle according to the requirements on page 3 of this Warranty booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your motorcycle emission control systems functioning properly by maintaining your motorcycle in peak operating condition. American Honda will not deny a warranty claim solely because of lack of maintenance or maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

American Honda recommends that only parts supplied by American Honda or equivalent parts be used to repair your motorcycle.

Maintenance, replacement, or repair of emission control devices and systems may be done by any motorcycle repair establishment or individual. American Honda will only pay for warranty repairs performed at an authorized Honda motorcycle repair facility (except in an emergency situation). An emergency situation exists when a Honda dealership is not reasonably available, a warranted part is not available within 30 days, or when an authorized Honda facility is unable to complete a repair within 30 days. In an emergency situation, the repair of emission control devices or systems may be done by any motorcycle repair establishment or individual, or by the owner, using any replacement part. American Honda will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motorcycle dealer. A list of parts covered by this warranty begins on page 12 of the Warranty booklet. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your motorcycle's emissions control systems. If such a replacement part is used in the maintenance or repair of your motorcycle, and an authorized Honda dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your motorcycle into compliance with applicable standards may be denied. If the part in question is not related to the reason your motorcycle fails to meet the standards, the claim will not be denied.

#### 03.04.00.00 Emission System Warranty Statement (Motorcycle)

**This Emissions Warranty Does Not Cover:**

- .Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, or the use of leaded or non-approved gasoline.
- .Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but are not limited to:
  - spark plugs
  - filters
  - coolant
  - lubricants
  - belts
- .Consequential damages such as loss of time or use of the vehicle.
- .Prohibited actions related to 40 CFR, Part 1068, Subpart B, Section 1068.1 (b) and competition use.

**To Get Emissions Warranty Service**

Repairs covered by this warranty will be performed at no charge for parts, labor, and diagnosis. Any authorized Honda motorcycle dealer will perform the adjustment, repair, or replacement within 30 days from the Time you take your motorcycle to the dealer.

If an authorized Honda dealer is unable to repair your motorcycle within 30 days from the time you take your motorcycle to the dealer, then this situation will be treated as an emergency and you may have your motorcycle repaired at any repair facility you choose.

If you choose a repair facility that is not an authorized Honda dealer, Honda will reimburse you for the repair, including diagnosis.

Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motorcycle dealer.



03.04.00.00 Emission System Warranty Statement (Motorcycle)

## **Emissions Warranty Parts List**

### **Fuel Metering System:**

- carburetor
- carburetor Air Jet Solenoid valve
- carburetor Coolant Thermal Valve
- Stating Enrichment Valve/Thermal valve
- Throttle Body
- Fuel injector
- Fuel Pressure Regulator
- Idle Air Control Valve
- Throttle Control Position(TCP)Sensor
- Fuel Pump and Fuel Filter
- Intake Manifold

### **Ignition system:**

- Engine Control Module
- Engine Coolant Temperature Sensor
- Engine Oil Temperature Sensor
- Gear Position Switch
- Ignition Coils
- Ignition Control Module
- Crankshaft Position (CKP)Sensor
- Distributor ignition Capacitor
- Spark Plug(covered up to the first replacement only)
- Spark Plug Cap and wires
- BARO Sensor
- Cam Position sensor
- Throttle Position Sensor
- Map sensor
- Vehicle Speed Sensor
- Transmission Range (TR) Sensor
- Knock Sensor

### **Air Injection Sensor:**

- Pulse Secondary Air injection Check Valve
- Pulse Secondary Air injection Control Valve
- Pulse Secondary Air injection Solenoid Valve

### **Shot Air System:**

- Intake Air Shot Air Check Valve
- Intake Air Shot Air Valve

03.04.00.00 Emission System Warranty Statement (Motorcycle)

**Exhaust System:**

- Catalytic Converter
- Oxygen Sensor
- Heated Oxygen Sensor
- Exhaust Gas Control Valve
- Exhaust Manifold
- Exhaust Pipes(to the catalyst and between catalysts)
- Air Fuel Ratio Sensor

**Intake Air Temperature System:**

- Intake Air Temperature Check Valve
- Intake Air Temperature Sensor
- Intake Air Temperature Thermal Vacuum Valve
- Intake Air Temperature Valve

**Evaporative Emission Control System:**

- Evaporative Emission Canister
- Evaporative Emission Carburetor Air Vent Control Valve
- Evaporative Emission Purge Control Valve
- Evaporative Emission Storage Element
- Evaporative Emission Purge Control Solenoid Valve
- Fuel Fill Cap
- Fuel Tank(including fuel hoses and fuel valve)

**Crankcase Emission Control System:**

- Air Cleaner (covered up to the first replacement interval only)
- Air Cleaner Housing
- Air Cleaner Housing Cover
- Crankcase Breather Separator
- Crankcase Breather Storage Tank
- Crankcase Breather Tube Plug
- PCV Valve
- Oil Filler Cap
- PCV Control Solenoid Valve

**Parts Associated with the Systems Above:**

- FI Indicator Light Bulb
- Malfunction Indicator Light Bulb
- Tubing Fittings, Clamps, Gaskets, Hoses, Mounting Hardware, and other emission related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

**VTEC System:**

- Valve Lift Control Solenoid

03.05.00.00 Emission System Warranty Statement (Scooter)

**DISTRIBUTOR'S LIMITED WARRANTIES EMISSION CONTROL SYSTEMS**

American Honda provides the same warranty coverage to all motor scooter owners regardless of where the motorcycle is registered.

**Your Warranty Rights and Obligation**

**California:**

The California Air Resources Board and American Honda are pleased to explain the emissions control systems warranty on your vehicle. In California, new motor vehicles must be designed, built, and equipped to meet the State's stringent anti-smog standards.

**Other States:**

In other areas of the United States new motor vehicles must be designed, built and equipped to meet stringent federal anti-smog standards.

**All States:**

American Honda must warrant the emissions control system on your vehicle for the periods of time listed below, provided there has been no abuse, neglect or improper maintenance of your vehicle.

Your emissions control system may include parts such as the carburetor or fuel injection system, the ignition system, catalytic converter and engine computer.

Also included may be hoses, connectors and other emission-related components and assemblies whose sole purpose is to reduce emissions or whose failure will increase emissions.

Where a warrantable condition exists, American Honda will repair your vehicle at no cost to you, including diagnosis, parts and labor.

**Manufacturer's warranty Coverage**

If any emission-related part on your vehicle is defective, the part will be repaired or replaced by American Honda. This is your emissions control system DEFECTS WARRANTY.

**Owner's Warranty Responsibilities**

As the vehicle owner, you are responsible for the performance of the required maintenance listed in your owner's manual. American Honda recommends that you retain all receipts covering maintenance on your motor scooter, but American Honda cannot deny warranty coverage solely for the lack of receipts or for your failure to ensure the performance of all scheduled maintenance.

**03.05.00.00 Emission System Warranty Statement (Scooter)**

You are responsible for presenting your vehicle to a Honda motor scooter dealer as soon as a problem exists. The warranty repairs should be completed in a reasonable amount of time, not to exceed 30 days.

As the vehicle owner, you should also be aware that American Honda may deny you warranty coverage if your vehicle or a part has failed due to abuse, neglect, improper maintenance or unapproved modifications.

If you have any questions regarding your warranty rights and responsibilities or if an authorized Honda dealer cannot repair your motor scooter or honor your claim within a reasonable period of time, contact the American Honda Motorcycle Customer Support Office for assistance (see page 17 of the Warranty booklet). If you are not satisfied with the way in which a warranty claim is resolved by American Honda, you may write directly to:

Director of field Operations  
Support Division(EN-397F)  
Environmental Protection Agency  
401 M Street, S.W.  
Washington, D.C. 20460  
or  
California Air Resources Board  
9528 Telstar Avenue  
El Monte, Ca 91731

**Emissions Warranty Coverage**

American Honda warrants to the owner that the motor scooter:

- . is designed, built and equipped to conform at the time of sale with all applicable emissions standards, and
- . is free from defect in materials and workmanship which would cause it to fail to conform with applicable requirements during the specified time and mileage limits.

This warranty begins on the date the motor scooter is delivered to the first purchaser other than an authorized Honda motor scooter dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for the time and mileage listed below:

Time: 5 years

Mileage: based on engine displacement

- .0 to 49 cc: 3,728 miles ( 6,000 kilometers) (2006-2018 only)
- .50 to 169 cc: 7,456 miles (12,000 kilometers)
- .170 to 279 cc: 11,185 miles (18,000 kilometers)
- .280cc and over : 18,641 miles (30,000 kilometers)

**03.05.00.00 Emission System Warranty Statement (Scooter)**

The Emissions Control System Defect Warranty is in addition to the American Honda Motor Scooter Limited Warranty. These warranties are given only to the owner of a motor scooter distributed by American Honda through the Motorcycle Division.

To qualify for coverage under the defects warranty, you should operate and maintain your motor scooter according to the requirements on page 3 of this Warranty booklet, and the Maintenance Schedule in the Owner's Manual. This schedule is designed to keep your motor scooter emission control systems functioning properly by maintaining your motor scooter in peak operating condition. American Honda will not deny a warranty claim solely because of lack of maintenance or maintenance records. However, failures caused by abuse or lack of required maintenance will not be covered by this warranty.

American Honda recommends that only parts supplied by American Honda or equivalent parts be used to repair your motor scooter. Maintenance, replacement, or repair of emission control devices and systems may be done by any motor scooter repair establishment or individual. American Honda will only pay for warranty repairs performed at an authorized Honda motor scooter repair facility (except in an emergency situation). An emergency situation exists when a Honda dealership is not reasonably available, a warranted part is not available within 30 days, or when an authorized Honda facility is unable to complete a repair within 30 days.

In an emergency situation, the repair of emission control devices or systems may be done by any motor scooter repair establishment or individual, or by the owner using any replacement part.

American Honda will reimburse you for those emergency repairs, including diagnosis, covered by the Emissions Warranties.

Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motor scooter dealer. A list of parts covered by this warranty begins on page 11 of the Warranty booklet.

The use of replacement parts not equivalent to the original parts may impair the effectiveness of your motor scooter's emissions control systems. If such a replacement part is used in the maintenance or repair of your motor scooter and an authorized Honda dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your motor scooter into compliance with applicable standards may be denied. If the part in question is not related to the reason your motor scooter fails to meet the standards, the claim will not be denied.

03.05.00.00 Emission System Warranty Statement (Scooter)

**This Emissions Warranty Does Not Cover:**

.Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, or the use of leaded or non-approved gasoline.

.Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but are not limited to:

- spark plugs
- filters
- coolant
- lubricants
- belts

.Consequential damages such as loss of time or use of the vehicle.

.Prohibited actions related to 40 Code of Federal regulations(CFR), Part 1068, Subpart B, Section 1068.101 (b) and competition use.

**TO Get Emissions Warranty Service**

Repairs covered by this warranty will be performed at no charge for Parts, labor, and diagnosis. Any authorized Honda motor scooter dealer will perform the adjustment, repair, or replacement within 30 days from the time you take your motor scooter to the dealer. If an authorized Honda dealer is unable to repair your motor scooter within 30 days from the time you take your motor scooter to the dealer, then this situation will be treated as an emergency and you may have your motor scooter repaired at any repair facility you choose.

If you choose a repair facility that is not an authorized Honda dealer, Honda will reimburse you for the repair, including diagnosis. Parts reimbursement is at the manufacturer's suggested retail price, and labor reimbursement is at a geographically-appropriate hourly labor rate for Honda's recommended time allowance. For reimbursement, present the replaced parts and a copy of the paid receipt to any authorized Honda motor scooter dealer.

03.05.00.00 Emission System Warranty Statement (Scooter)

## **Emissions Warranty Parts List**

### **Fuel Metering System:**

- carburetor
- carburetor Air Jet Solenoid valve
- carburetor Coolant Thermal Valve
- Stating Enrichment Thermal valve
- Stating Enrichment Valve
- Throttle Body
- Fuel injector
- Fuel Pressure Regulator
- Idle Air Control Valve
- Fuel Pump
- Intake Manifold
- Fuel Filter

### **Ignition system:**

- Engine Control Module
- Engine Coolant Temperature Sensor
- Engine Oil Temperature Sensor
- Gear Position Switch
- Ignition Coils
- Ignition Control Module
- Crankshaft Position (CKP)Sensor
- Distributor ignition Capacitor
- Spark Plug(covered up to the first replacement interval only)
- Spark Plug Cap
- Spark Plug Wires
- BARO Sensor
- Cam Position Sensor
- Throttle Position Sensor
- Map Sensor
- Vehicle Speed Sensor
- Knock Sensor

### **Air Injection System:**

- Pulse Secondary Air injection Check Valve
- Pulse Secondary Air injection Control Valve
- Pulse Secondary Air injection Solenoid Valve

### **Shot Air System:**

- Intake Air Shot Air Check Valve
- Intake Air Shot Air Valve

03.05.00.00 Emission System Warranty Statement (Scooter)

**Exhaust System:**

- Catalytic Converter
- Oxygen Sensor
- Heated Oxygen Sensor
- Exhaust Gas Control Valve
- Exhaust Manifold
- Exhaust Pipes(to the catalyst and between catalysts)
- Air Fuel Ratio Sensor

**Intake Air Temperature System:**

- Intake Air Temperature Check Valve
- Intake Air Temperature Sensor
- Intake Air Temperature Thermal Vacuum Valve
- Intake Air Temperature Valve

**Evaporative Emission Control System:**

- Evaporative Emission Canister
- Evaporative Emission Carburetor Air Vent Control Valve
- Evaporative Emission Purge Control Valve
- Evaporative Emission Storage Element
- Evaporative Emission Purge Control Solenoid Valve
- Fuel Fill Cap
- Fuel Tank(including fuel hoses and fuel valve)

**Crankcase Emission Control System:**

- Air Cleaner (covered up to the first replacement interval only)
- Air Cleaner Housing
- Air Cleaner Housing Cover
- Crankcase Breather Separator
- Crankcase Breather Storage Tank
- Crankcase Breather Tube plug
- PCV Valve
- Oil Filler Cap
- PCV Control solenoid valve

**Parts Associated with the Systems Above:**

- FI Indicator Light Bulb
- Malfunction Indicator Light Bulb
- Tubing Fittings, Clamps, Gaskets, Hoses, Mounting Hardware, and other emission related components and assemblies whose sole purpose is reduce emissions or whose failure will increase emissions.



### 03.05.00.00 Emission System Warranty Statement

#### **Customer Satisfaction**

Your satisfaction and goodwill are important to your dealer and to American Honda. Normally, any problem with the product will be handled by your dealer's service department, misunderstandings can occur. If your problem has not been handled to your satisfaction, we suggest you take the following action.

- Discuss the problem with a member of dealership management. often complains can be quickly resolved at that level. If the problem has already been reviewed with the service manager, contact the general manager or owner of the dealership.
- If your problem still hasn't been resolved to your satisfaction, write: Motorcycle Customer Support Department, American Honda Motor Co., Inc., P.O. Box 2200, Torrance, California 90509-2200. Telephone (866) 784-1870. We will need the following information in order to assist you:
  - your name, address, and telephone number
  - product model and vehicle identification number (VIN)
  - date of purchase
  - dealer name and address
  - nature of problem

After reviewing all the facts, Customer Support will tell you what action can be taken. Please bear in mind that your problem will likely be resolved at the dealership, using the dealer's facilities, equipment, and personnel. For this reason, it is important that your initial contact be with the dealer.

Your purchase of a Honda product is greatly appreciated by both the dealer and American Honda. We want to assist you in every way possible to assure your complete satisfaction with your purchase.

Customers are provided Warranty Manuals in addition to the Owner's Manual.

## 05.00.00.00 COMPLIANCE STATEMENTS

### .01.00.00 Altitude Performance Adjustments

The condition of 86.1604(a) (1) and (a) (2) are not caused by and vehicle performance is unchanged or improved by the performance of these high altitude adjustment procedures. These high altitude adjustment procedures are in compliance with Section 202 (a) (4) (A) of the Act, which prohibits vehicles from causing any unreasonable risks to public health, welfare and safety.

### .02.00.00 Labeling

The label and any adhesives used on 2018 model year Honda motorcycles are designed to withstand the motorcycle's total expected life, and typical vehicle environmental conditions in the area where the label is attached.

The labels are affixed in a readily accessible location.

The location of the labels and specifications indicated on the labels for each engine family are shown on following pages.

Honda's Vehicle Emission Information Label format was approved by the U.S. EPA on March 24, 2009(AHCERT-290241)

Omitting description of fuel and lubricants on Vehicle Emission Information label

-EPA(AH-CERT 250346)

-ARB(AH-CERT 250381)

05.03.00.00 Statement of Compliance

1. Honda Motor Co., Ltd. states that any element of design, system, or emission control device installed on or incorporated in new Honda motorcycles or new Honda motorcycle engines, for the purpose of complying with standards prescribed under Section 202 of the Clean Air Act, will not, to the best of Honda's information and belief, cause the emission into the ambient air of pollutants in the operation of its motorcycles or motorcycle engines which cause or contribute to an unreasonable risk to public health or welfare except as specifically permitted by the standards prescribed under section 202 of the Clean Air Act. Honda Motor Co., Ltd. further states that any element of design, System. or emission control device installed on or incorporated in new Honda motorcycle or new Honda motorcycle engines, for the purpose of complying with standards prescribed under section 202 of the Clean Air Act, will not, to the best of Honda's information and belief, cause or contribute to an unreasonable risk to public safety;  
The term pollutant means:  
Diesel particulates  
Nickel  
MMT combustion products  
Ammonia  
Sulfates  
Hydrogen sulfide  
Hydrogen cyanide  
Ruthenium combustion products  
Nitrosamines  
or any other pollutant which Honda Motor Co., Ltd. has identified which can reasonably be expected to be emitted from there vehicles.
2. Honda Motor Co., Ltd. states that any emission control device, system, or element of design installed on or incorporated in new Honda motorcycles, for the purpose of complying with standards prescribed under Section 202 of the Clean Air Act, does not in its operation, function or malfunction result in any unsafe condition endangering the motorcycle, its riders, or persons of property in close proximity to the motorcycle.
3. The test motorcycles, with respect to which data are submitted, have been tested in accordance with the applicable test procedures, they meet the requirements of such tests, and, on the basis of such tests, they conform to the requirements of the regulations in 40 CFR Part 86, Subpart E.

05.04.00.00 Production Tolerances

Production tolerances for all parts are the same as design tolerances described in this application for certification.

05.05.00.00 Quality Control Information

The application for certification identifies and described those engines to be covered by the Certificate(s) of Conformity issued by EPA, or Executive Order issued by ARB, and this application for certification covers only those new engines to be produced by Honda Motor Co., Ltd. which conform, in all material respects, to the design specifications (including tolerances) which are contained herein.

05.07.00.00 Break-in mileage

Each test vehicle's break-in is conducted the Minimum test distance specified in 40 CFR 86.427-78 with 11 laps.

05.08.00.00 Statement of emission control device(according to 13CCR, S1958(c))

The emission control devices on Honda's vehicles are durable and are designed and will be manufactured to operate properly and in compliance with all applicable requirements for the full useful life of the vehicles.

06.00.00.00. Common information for emission test

## 06.01.00.00. Proposed test equipment

For motorcycle equipped with dual clutch transmission(DCT), using a special wiring harness for preventing false fail-safe mode was approved on December 26, 2013.(AH-CERT 130678)

## 06.02.00.00. Engine lubricant

Recommended engine oil was employed.

## 06.03.00.00. Durability test procedure

Durability driving schedule for Motorcycles (40CFR86 Appendix IV (b)) was employed.

For class III motorcycles except GL1800, 3,500km minimum distance test, 6,400 km distance test (before/after periodic maintenance tests when emission related maintenance is conducted) , 9,600 km distance test, 12,800 km before/after periodic maintenance test and 15,000 km total distance test were conducted.

For GL1800, 3,500km minimum distance test, 6,400 km before/after periodic maintenance tests, 12,800 km before/after periodic maintenance test and 15,000 km total distance test were conducted in accordance with 40CFR 86.427-78(b).

## 06.04.00.00. Test Fuel for permeation (1051.205(g))

CE10 specified by ASTM D471-98

Fuel		Mixing ratio
Isooctane[(CH <sub>3</sub> ) <sub>3</sub> CCH <sub>2</sub> CH(CH <sub>3</sub> ) <sub>2</sub> ]	vol %	45.0±1.0
Toluene (CH <sub>3</sub> C <sub>6</sub> H <sub>5</sub> )	vol %	45.0±1.0
Ethanol (C <sub>2</sub> H <sub>5</sub> OH)	vol %	10.0±0.5

## 06.05.00.00. Evaporative Bench test Method Approval:

Date: march 9, 1983

Reference: 17.01.01-1(ARB) &

17.01.02-2(ARB) thru

17.01.02-12(ARB) in 1999

Model Year Application

## 06.06.00.00. ACR protocol

Based on Abbreviated Certification Review (ACR) protocol, Honda judged the following items in lieu of the EPA administrator:

Unscheduled maintenance

For the 2004MY XR650L(4HNXC0.64ABA), the engine oil was filled just before reaching 3500km due to its loss(40CFR 86.429-78(a)(1)).

For the 2017MY XR650L(HHNXC0.64BBA), the off-road tire was replaced after 3500km mileage accumulation due to unusual wear (40CFR 86.429-78(a)(1)).

Emission test vehicle

The worst case vehicle configuration to represent the product line was selected *based on*(40CFR 86.406-78(c)(1), 86.421-78(a) & 86.529-78(a)).

All equipment for the purpose of determining the curb mass was specified (40CFR 86.402-78(a))

Engine start procedure

For XR650L (4HNXC0.64ABA, FHNXC0.64BBA, HHNXC0.64BBA), the manual choke was operated according to O/M instruction (40CFR 86.536-78(a)).

## 06.07.00.00. Test facilities

ID	Test Facility	Address
1	Honda Motor Co., Ltd. Kumamoto Factory	1500 Hirakawa Ohzu-machi Kikuchi-gun Kumamoto prefecture, Japan
2	Honda Techno Fort CO., Ltd.	89-4 Hagadai, Haga-machi, Haga-gun, Tochigi prefecture, Japan
3	Honda of South Carolina Mfg., Inc.	1111 HONDA WAY, TIMMONSVILLE, SC 29161-9421
4	LOTUS ENGINEERING, Inc.,	1254 N. Main St., Ann Arbor, Michigan 48104
5	Transportation Research Center Inc.	10820 State Route 347 East Liberty, Ohio 43319
6		
7		
8		